
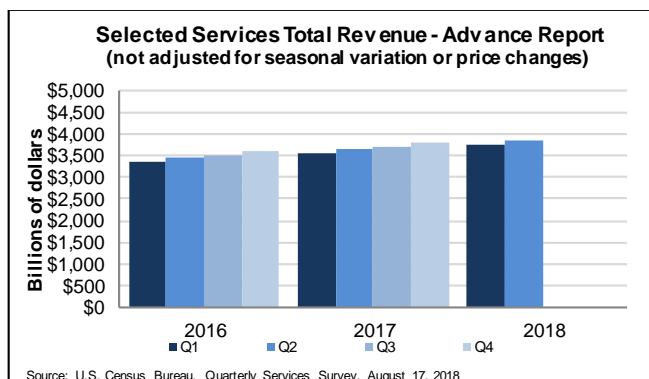


QUARTERLY SELECTED SERVICES ESTIMATES, SECOND QUARTER 2018 – ADVANCE REPORT

Release Number: CB-18-126

August 17, 2018 — The U.S. Census Bureau announced the following selected services estimates for the second calendar quarter of 2018:

 SELECTED SERVICES TOTAL REVENUE – ADVANCE REPORT			
2Q 2018	\$3,864.7 billion	+3.2 %	
1Q 2018 (revised)	\$3,744.7 billion	-1.3 %	
Next release: September 7, 2018			
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, August 17, 2018			



Selected Services Total

Advance U.S. selected services total revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$3,864.7 billion, an increase of 3.2 percent (± 0.4 percent) from the first quarter of 2018 and up 5.4 percent (± 0.4 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -1.2 percent (± 0.4 percent) to -1.3 percent (± 0.4 percent).

Utilities

Advance U.S. utilities revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$140.7 billion, a decrease of 10.6 percent (± 1.9 percent) from the first quarter of 2018 and up 1.9 percent (± 1.9 percent)* from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was not revised from the preliminary estimate of 9.1 percent (± 1.9 percent).

Transportation and warehousing

Advance U.S. transportation and warehousing revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$243.5 billion, an increase of 8.5 percent (± 0.8 percent) from the first quarter of 2018 and up 5.2 percent (± 1.7 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was not revised from the preliminary estimate of -2.3 percent (± 0.6 percent).

Information

Advance U.S. information sector revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$421.1 billion, an increase of 3.5 percent (± 0.2 percent) from the first quarter of 2018

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and up 8.4 percent (± 0.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was not revised from the preliminary estimate of -4.0 percent (± 0.6 percent).

Finance and insurance

Advance U.S. finance and insurance revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$1,207.7 billion, an increase of 1.3 percent (± 0.6 percent) from the first quarter of 2018 and up 6.5 percent (± 0.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of 2.3 percent (± 0.6 percent) to 2.1 percent (± 0.6 percent).

Real estate and rental and leasing

Advance U.S. real estate and rental and leasing revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$180.4 billion, an increase of 9.6 percent (± 0.9 percent) from the first quarter of 2018 and up 5.8 percent (± 1.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -6.1 percent (± 0.8 percent) to -6.0 percent (± 0.8 percent).

Professional, scientific, and technical services

Advance U.S. professional, scientific, and technical services revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$466.2 billion, an increase of 5.2 percent (± 1.1 percent) from the first quarter of 2018 and up 5.3 percent (± 1.7 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -2.5 percent (± 1.1 percent) to -2.3 percent (± 1.1 percent).

Administrative and support and waste management and remediation services

Advance U.S. administrative and support and waste management and remediation services revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$253.5 billion, an increase of 6.9 percent (± 1.5 percent) from the first quarter of 2018 and up 6.6 percent (± 1.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -2.2 percent (± 1.3 percent) to -2.3 percent (± 1.3 percent).

Educational services

Advance U.S. educational services revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$18.3 billion, an increase of 7.3 percent (± 5.1 percent) from the first quarter of 2018 and up 3.8 percent (± 4.9 percent)* from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of 0.4 percent (± 4.2 percent)* to 0.5 percent (± 4.0 percent)*.

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Health care and social assistance

Advance U.S. health care and social assistance revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$659.2 billion, an increase of 2.3 percent (± 0.4 percent) from the first quarter of 2018 and up 4.6 percent (± 0.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -1.0 percent (± 0.4 percent) to -1.1 percent (± 0.4 percent).

Arts, entertainment, and recreation

Advance U.S. arts, entertainment, and recreation revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$70.5 billion, an increase of 13.9 percent (± 2.7 percent) from the first quarter of 2018 and up 4.2 percent (± 4.2 percent)* from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -11.6 percent (± 2.3 percent) to -10.6 percent (± 2.5 percent).

Accommodation

Advance U.S. accommodation revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$65.8 billion, an increase of 11.5 percent (± 1.1 percent) from the first quarter of 2018 and down 2.5 percent (± 1.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -1.0 percent (± 0.9 percent) to -1.1 percent (± 0.9 percent).

Other services (except public administration)

Advance U.S. other services (except public administration) revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$137.9 billion, an increase of 1.3 percent (± 3.0 percent)* from the first quarter of 2018 and down 2.3 percent (± 2.1 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from the preliminary estimate of -14.3 percent (± 4.7 percent) to -14.3 percent (± 4.9 percent).

GENERAL INFORMATION

Advance Report Details

The Advance Quarterly Services Report contains current quarter not seasonally adjusted estimates of revenue for a subset of industries found in the Full Quarterly Services Report. In addition, prior quarter not seasonally adjusted estimates for all items and industry levels have been revised and are available here www.census.gov/econ/currentdata/. Seasonally adjusted quarterly services estimates have not been revised with this release. For more information on the Advance Quarterly Services Report, please visit www.census.gov/services/qss/advance_services_faqs/.

Intention to Expand Seasonal Adjustment

Beginning with the February 2019 advance release for the fourth quarter of 2018, we anticipate the

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introduction of new seasonally adjusted estimates of Selected Services Total revenue into the Advance Quarterly Services Report. Beginning with the March 2019 release for the fourth quarter of 2018, we anticipate the introduction of new seasonally adjusted estimates of Selected Services Total revenue and revenue for selected industries within NAICS sectors 22, 48-49, 51, and 54 into the Full Quarterly Services Report. For more information, please visit our seasonal adjustment FAQs:

[<https://www.census.gov/services/qss/seasonally_adjusted_faqs.html>](https://www.census.gov/services/qss/seasonally_adjusted_faqs.html).

Upcoming Benchmarking

Effective with the February 2019 release for the fourth quarter of 2018, quarterly services estimates will be revised based on the results of the 2017 Service Annual Survey.

Release Schedule

The second quarter 2018 Quarterly Services Report is scheduled for release on September 7, 2018, at 10:00 A.M. View the full schedule in the Economic Briefing Room: [<www.census.gov/economic-indicators/>](http://www.census.gov/economic-indicators/). Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at [<www.census.gov/services/>](http://www.census.gov/services/).

RESOURCES

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before. [<www.census.gov/developers/>](http://www.census.gov/developers/)

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App [<https://fred.stlouisfed.org/fred-mobile/>](https://fred.stlouisfed.org/fred-mobile/) for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.]

For additional information see www.census.gov/services

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		2Q 2018 (a)	1Q 2018 (r)	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	2Q 2017 from 1Q 2017	2Q 2018 from 2Q 2017 (a)
	Selected Services Total²	3,864,697	3,744,732	3,667,361	3,561,457	3.2	3.0	5.4
22	Utilities³	140,661	157,418	138,066	149,842	-10.6	-7.9	1.9
48-49	Transportation and warehousing⁴	243,457	224,300	231,425	214,154	8.5	8.1	5.2
481	Air transportation	54,658	47,872	52,592	45,822	14.2	14.8	3.9
483	Water transportation	11,710	10,701	10,664	10,006	9.4	6.6	9.8
484	Truck transportation	72,809	65,791	68,512	62,497	10.7	9.6	6.3
485	Transit and ground passenger transportation	9,764	9,171	9,826	9,286	6.5	5.8	-0.6
488	Support activities for transportation	48,596	45,560	47,036	44,660	6.7	5.3	3.3
492	Couriers and messengers	23,005	22,645	21,410	20,939	1.6	2.2	7.4
493	Warehousing and storage	9,881	9,365	9,210	8,780	5.5	4.9	7.3
51	Information	421,144	407,098	388,358	380,588	3.5	2.0	8.4
511	Publishing industries (except Internet)	89,691	85,424	80,539	76,561	5.0	5.2	11.4
5112	Software publishers	67,157	64,376	57,524	55,644	4.3	3.4	16.7
512	Motion picture and sound recording industries	29,248	27,659	25,726	27,167	5.7	-5.3	13.7
517	Telecommunications	161,714	159,715	158,897	157,136	1.3	1.1	1.8
5171	Wired telecommunications carriers	82,520	81,810	82,639	81,964	0.9	0.8	-0.1
5172	Wireless telecommunications carriers (except satellite)	66,738	65,699	64,955	64,102	1.6	1.3	2.7
518	Data processing, hosting, and related services	46,701	43,721	39,029	37,309	6.8	4.6	19.7
519	Other information services	51,688	48,463	44,299	43,006	6.7	3.0	16.7
52	Finance and insurance⁵	1,207,700	1,192,632	1,134,023	1,108,194	1.3	2.3	6.5
522	Credit intermediation and related activities	336,188	322,952	306,019	295,779	4.1	3.5	9.9
524	Insurance carriers and related activities	666,796	660,596	634,899	619,459	0.9	2.5	5.0
53	Real estate and rental and leasing	180,386	164,535	170,428	156,908	9.6	8.6	5.8
531	Real estate	124,626	113,550	118,963	109,704	9.8	8.4	4.8
532	Rental and leasing services	43,294	40,651	40,920	37,679	6.5	8.6	5.8
54	Professional, scientific, and technical services⁶	466,224	443,212	442,940	430,853	5.2	2.8	5.3
5411	Legal services ⁶	77,615	66,545	71,889	65,213	16.6	10.2	8.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	47,385	53,203	47,347	51,625	-10.9	-8.3	0.1
5413	Architectural, engineering, and related services	78,336	77,273	75,448	73,986	1.4	2.0	3.8
5415	Computer systems design and related services	100,669	95,283	96,681	93,045	5.7	3.9	4.1
5416	Management, scientific, and technical consulting services	68,706	66,264	64,782	63,475	3.7	2.1	6.1
5418	Advertising, public relations, and related services	27,439	25,265	26,654	25,815	8.6	3.3	2.9
56	Administrative and support and waste management and remediation services	253,472	237,019	237,833	227,159	6.9	4.7	6.6
561	Administrative and support services	228,118	213,904	213,519	204,693	6.6	4.3	6.8
562	Waste management and remediation services	25,354	23,115	24,314	22,466	9.7	8.2	4.3
61	Educational services⁷	18,273	17,026	17,601	16,317	7.3	7.9	3.8
62	Health care and social assistance	659,183	644,458	630,404	623,667	2.3	1.1	4.6
	Health care and social assistance - taxable	327,458	320,532	312,385	306,915	2.2	1.8	4.8
	Health care and social assistance - tax-exempt	331,725	323,926	318,019	316,752	2.4	0.4	4.3
621	Ambulatory health care services	264,099	258,117	251,942	246,744	2.3	2.1	4.8
	Ambulatory health care services - taxable	238,177	233,089	228,010	222,982	2.2	2.3	4.5
	Ambulatory health care services - tax-exempt	25,922	25,028	23,932	23,762	3.6	0.7	8.3
6211	Offices of physicians	129,340	126,177	122,757	119,725	2.5	2.5	5.4
6214	Outpatient care centers	35,653	34,823	33,940	33,502	2.4	1.3	5.0
6215	Medical and diagnostic laboratories	12,776	12,463	12,626	12,319	2.5	2.5	1.2
6219	Other ambulatory health care services	9,774	9,408	9,093	8,729	3.9	4.2	7.5
622	Hospitals	285,136	280,686	273,259	273,088	1.6	0.1	4.3
	Hospitals - taxable	32,825	32,815	32,197	32,471	Z	-0.8	2.0
	Hospitals - tax-exempt	252,311	247,871	241,062	240,617	1.8	0.2	4.7
623	Nursing and residential care facilities	62,845	60,246	59,028	58,472	4.3	1.0	6.5
	Nursing and residential care facilities - taxable	S	39,684	38,286	37,792	S	1.3	S
	Nursing and residential care facilities - tax-exempt	21,201	20,562	20,742	20,680	3.1	0.3	2.2
624	Social assistance	47,103	45,409	46,175	45,363	3.7	1.8	2.0
71	Arts, entertainment, and recreation	70,477	61,902	67,624	59,994	13.9	12.7	4.2
711	Performing arts, spectator sports, and related industries	31,578	24,866	28,648	25,261	27.0	13.4	10.2
712	Museums, historical sites, and similar institutions	3,780	3,204	4,106	3,427	18.0	19.8	-7.9
713	Amusement, gambling, and recreation industries	35,119	33,832	34,870	31,306	3.8	11.4	0.7
721	Accommodation	65,819	59,023	67,517	60,412	11.5	11.8	-2.5
81	Other services (except public administration)⁸	137,901	136,109	141,142	133,369	1.3	5.8	-2.3
811	Repair and maintenance	46,023	45,143	44,324	42,540	1.9	4.2	3.8
812	Personal and laundry services	29,315	27,590	27,963	26,747	6.3	4.5	4.8

Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.]

For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		2Q 2018 (a)	1Q 2018 (r)	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	2Q 2017 from 1Q 2017	2Q 2018 from 2Q 2017 (a)

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 5, 6, 7, and 8 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(6) Excludes NAICS 54112 (Offices of notaries).

(7) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(8) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		2Q 2018 (a)	1Q 2018 (r)	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	2Q 2017 from 1Q 2017	2Q 2018 from 2Q 2017 (a)
	Selected Services Total	0.9	0.8	0.8	1.4	0.2	0.1	0.2
22	Utilities	2.5	1.6	2.1	4.1	1.0	0.9	1.0
48-49	Transportation and warehousing	1.7	1.8	2.2	2.5	0.4	0.5	0.9
481	Air transportation	1.8	1.9	1.5	2.9	0.5	0.6	1.9
483	Water transportation	8.4	8.8	7.7	2.8	0.7	0.5	0.7
484	Truck transportation	4.5	4.5	6.1	6.9	0.6	1.2	1.6
485	Transit and ground passenger transportation	4.3	3.6	3.7	6.5	1.3	0.8	2.8
488	Support activities for transportation	4.0	4.1	4.0	6.4	1.0	0.5	2.7
492	Couriers and messengers	3.6	3.1	3.8	1.7	0.5	1.1	1.4
493	Warehousing and storage	6.9	6.3	5.3	6.3	1.6	0.8	3.0
51	Information	1.5	1.4	1.4	1.3	0.1	0.3	0.5
511	Publishing industries (except Internet)	3.0	2.9	2.3	5.5	0.8	0.9	1.2
5112	Software publishers	3.5	3.4	2.8	7.2	1.0	1.3	1.7
512	Motion picture and sound recording industries	1.1	1.2	1.2	3.4	0.8	0.9	1.1
517	Telecommunications	1.4	1.4	1.5	1.7	0.1	0.2	0.8
5171	Wired telecommunications carriers	2.2	2.1	1.7	3.4	0.1	0.1	0.6
5172	Wireless telecommunications carriers (except satellite)	2.4	2.4	1.8	2.4	0.2	0.1	2.2
518	Data processing, hosting, and related services	3.0	3.2	3.5	3.4	0.8	1.2	2.7
519	Other information services	4.2	4.5	5.6	4.5	0.7	0.4	2.5
52	Finance and insurance	2.1	1.9	1.9	4.7	0.3	0.2	0.5
522	Credit intermediation and related activities	1.9	1.9	1.9	4.2	0.5	0.3	0.8
524	Insurance carriers and related activities	2.6	2.5	2.1	7.1	0.4	0.2	0.7
53	Real estate and rental and leasing	1.8	1.7	2.0	4.7	0.5	0.9	1.0
531	Real estate	2.9	2.9	2.9	6.3	0.6	0.7	1.1
532	Rental and leasing services	3.2	2.7	3.5	4.4	0.6	1.5	2.1
54	Professional, scientific, and technical services	2.1	1.7	1.7	1.6	0.6	0.6	0.9
5411	Legal services	4.0	3.3	2.3	3.1	2.5	2.5	2.7
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.4	1.1	1.9	3.4	1.4	0.9	1.2
5413	Architectural, engineering, and related services	3.8	3.7	3.9	4.1	1.3	0.8	1.7
5415	Computer systems design and related services	2.1	1.2	2.4	6.1	1.2	1.4	2.0
5416	Management, scientific, and technical consulting services	4.2	4.1	2.6	5.6	1.5	1.0	2.4
5418	Advertising, public relations, and related services	2.2	2.1	1.9	3.6	0.3	0.4	1.1
56	Administrative and support and waste management and remediation services	2.3	2.4	2.3	1.3	0.8	0.8	1.0
561	Administrative and support services	2.7	2.6	2.4	1.8	0.9	0.9	1.0
562	Waste management and remediation services	2.4	1.9	2.9	3.7	1.6	0.8	0.7
61	Educational services	3.9	4.0	1.9	5.7	2.7	1.5	2.6
62	Health care and social assistance	1.5	1.4	1.4	2.2	0.2	0.2	0.5
	Health care and social assistance - taxable	1.7	1.7	1.6	2.6	0.2	0.2	0.6
	Health care and social assistance - tax-exempt	2.0	1.9	1.8	2.9	0.3	0.3	0.6
621	Ambulatory health care services	1.4	1.4	1.2	2.1	0.2	0.4	0.8
	Ambulatory health care services - taxable	1.5	1.6	1.5	2.6	0.2	0.4	0.8
	Ambulatory health care services - tax-exempt	5.0	5.0	4.3	4.1	0.6	0.5	1.3
6211	Offices of physicians	2.6	2.6	2.7	5.8	0.2	0.5	1.3
6214	Outpatient care centers	2.8	2.6	2.6	3.6	0.5	0.1	0.8
6215	Medical and diagnostic laboratories	4.2	3.9	3.2	4.1	0.4	0.6	2.5
6219	Other ambulatory health care services	4.2	4.2	3.6	5.4	0.8	0.9	1.6
622	Hospitals	2.7	2.6	2.5	3.8	0.3	0.3	0.5
	Hospitals - taxable	9.7	9.4	9.1	10.4	0.4	0.1	0.6
	Hospitals - tax-exempt	2.4	2.4	2.3	3.7	0.3	0.3	0.6
623	Nursing and residential care facilities	1.9	2.1	2.4	4.5	0.3	0.4	1.5
	Nursing and residential care facilities - taxable	S	1.8	2.2	6.0	S	0.4	S
	Nursing and residential care facilities - tax-exempt	4.1	3.8	4.8	2.6	0.7	0.7	1.5
624	Social assistance	1.8	2.3	2.1	3.3	1.1	0.5	1.6
71	Arts, entertainment, and recreation	2.5	2.8	2.4	3.0	1.4	1.4	2.2
711	Performing arts, spectator sports, and related industries	4.7	5.0	3.0	3.7	4.1	2.9	4.6
712	Museums, historical sites, and similar institutions	3.9	6.4	9.0	6.3	5.2	3.7	5.5
713	Amusement, gambling, and recreation industries	4.7	5.3	4.3	5.7	1.7	1.8	1.3
721	Accommodation	1.3	1.2	1.6	2.9	0.6	0.7	1.0
81	Other services (except public administration)	2.8	3.9	2.4	2.3	1.6	1.8	1.1
811	Repair and maintenance	3.8	4.0	3.6	5.0	1.6	1.0	1.6
812	Personal and laundry services	3.1	2.5	3.0	4.2	1.2	1.0	1.3

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.
For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		2Q 2018 (a)	1Q 2018 (r)	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	2Q 2017 from 1Q 2017	2Q 2018 from 2Q 2017 (a)

(a) Advance estimate. (r) Revised estimate.

S Corresponding estimate in Table A1 does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
	Selected Services Total²	3,864,697	3,744,732	3,793,685	3,704,477	3,667,361	3,561,457	3.2	-1.3	5.4	5.1	7,609,429	7,228,818	5.3
22	Utilities³	140,661	157,418	144,325	156,994	138,066	149,842	-10.6	9.1	1.9	5.1	298,079	287,908	3.5
2211	Electric power generation, transmission and distribution	X	112,365	109,284	134,196	113,059	110,521	X	2.8	X	1.7	X	223,580	X
2212	Natural gas distribution	X	41,636	31,332	18,472	21,352	36,018	X	32.9	X	15.6	X	57,370	X
2213	Water, sewage and other systems	X	3,417	3,709	4,326	3,655	3,303	X	-7.9	X	3.5	X	6,958	X
48-49	Transportation and warehousing⁴	243,457	224,300	229,542	232,174	231,425	214,154	8.5	-2.3	5.2	4.7	467,757	445,579	5.0
481	Air transportation	54,658	47,872	49,306	52,351	52,592	45,822	14.2	-2.9	3.9	4.5	102,530	98,414	4.2
483	Water transportation	11,710	10,701	11,142	12,968	10,664	10,006	9.4	-4.0	9.8	6.9	22,411	20,670	8.4
4831	Deep sea, coastal, and Great Lakes water transportation	X	8,963	9,171	11,012	8,831	8,102	X	-2.3	X	10.6	X	16,933	X
4832	Inland water transportation	X	1,738	1,971	1,956	1,833	1,904	X	-11.8	X	-8.7	X	3,737	X
484	Truck transportation	72,809	65,791	66,785	69,168	68,512	62,497	10.7	-1.5	6.3	5.3	138,600	131,009	5.8
4841	General freight trucking	X	43,182	43,255	44,067	43,470	40,501	X	-0.2	X	6.6	X	83,971	X
48412	General freight trucking, long-distance	X	36,968	36,903	37,112	36,142	33,879	X	0.2	X	9.1	X	70,021	X
4842	Specialized freight trucking	X	22,609	23,530	25,101	25,042	21,996	X	-3.9	X	2.8	X	47,038	X
485	Transit and ground passenger transportation	9,764	9,171	9,656	8,522	9,826	9,286	6.5	-5.0	-0.6	-1.2	18,935	19,112	-0.9
486	Pipeline transportation	X	12,589	12,522	11,319	11,098	11,620	X	0.5	X	8.3	X	22,718	X
487	Scenic and sightseeing transportation	X	606	833	1,742	1,077	544	X	-27.3	X	11.4	X	1,621	X
488	Support activities for transportation	48,596	45,560	45,835	45,439	47,036	44,660	6.7	-0.6	3.3	2.0	94,156	91,696	2.7
492	Couriers and messengers	23,005	22,645	23,727	21,334	21,410	20,939	1.6	-4.6	7.4	8.1	45,650	42,349	7.8
493	Warehousing and storage	9,881	9,365	9,736	9,331	9,210	8,780	5.5	-3.8	7.3	6.7	19,246	17,990	7.0
51	Information	421,144	407,098	424,086	392,767	388,358	380,588	3.5	-4.0	8.4	7.0	828,242	768,946	7.7
511	Publishing industries (except Internet)	89,691	85,424	89,512	81,595	80,539	76,561	5.0	-4.6	11.4	11.6	175,115	157,100	11.5
51111	Newspaper publishers	X	5,710	6,640	5,819	6,016	5,847	X	-14.0	X	-2.3	X	11,863	X
51112	Periodical publishers	X	S	7,164	6,893	7,036	6,523	X	S	X	S	X	13,559	X
5111 pt	Book, directory and mailing list, and other publishers ⁵	X	8,861	10,854	11,161	9,963	8,547	X	-18.4	X	3.7	X	18,510	X
5112	Software publishers	67,157	64,376	64,854	57,722	57,524	55,644	4.3	-0.7	16.7	15.7	131,533	113,168	16.2
512	Motion picture and sound recording industries	29,248	27,659	28,106	25,492	25,726	27,167	5.7	-1.6	13.7	1.8	56,907	52,893	7.6
515	Broadcasting (except Internet)	X	42,116	44,281	38,915	39,868	39,409	X	-4.9	X	6.9	X	79,277	X
5151	Radio and television broadcasting	X	20,018	21,628	18,021	18,807	18,577	X	-7.4	X	7.8	X	37,384	X
5152	Cable and other subscription programming	X	22,098	22,653	20,894	21,061	20,832	X	-2.5	X	6.1	X	41,893	X
517	Telecommunications	161,714	159,715	165,097	159,801	158,897	157,136	1.3	-3.3	1.8	1.6	321,429	316,033	1.7
5171	Wired telecommunications carriers	82,520	81,810	83,320	82,619	82,639	81,964	0.9	-1.8	-0.1	-0.2	164,330	164,603	-0.2
5172	Wireless telecommunications carriers (except satellite)	66,738	65,699	69,814	65,398	64,955	64,102	1.6	-5.9	2.7	2.5	132,437	129,057	2.6
517 pt	Other telecommunications ⁶	X	12,206	11,963	11,784	11,303	11,070	X	2.0	X	10.3	X	22,733	X
518	Data processing, hosting, and related services	46,701	43,721	44,251	40,977	39,029	37,309	6.8	-1.2	19.7	17.2	90,422	76,338	18.4
519	Other information services	51,688	48,463	52,839	45,987	44,299	43,006	6.7	-8.3	16.7	12.7	100,151	87,305	14.7
52	Finance and insurance⁷	1,207,700	1,192,632	1,168,395	1,143,556	1,134,023	1,108,194	1.3	2.1	6.5	7.6	2,400,332	2,242,217	7.1
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	X	1,163,280	1,139,230	1,115,132	1,104,004	1,079,037	X	2.1	X	7.8	X	2,183,041	X
521	Monetary authorities-central bank	X	29,352	29,165	28,424	30,019	29,157	X	0.6	X	0.7	X	59,176	X
522	Credit intermediation and related activities	336,188	322,952	318,489	313,348	306,019	295,779	4.1	1.4	9.9	9.2	659,140	601,798	9.5
5221	Depository credit intermediation	X	149,511	147,116	143,354	139,864	133,415	X	1.6	X	12.1	X	273,279	X
5222	Nondepository credit intermediation	X	148,096	144,722	144,518	140,740	138,014	X	2.3	X	7.3	X	278,754	X
5223	Activities related to credit intermediation	X	25,345	26,651	25,476	25,415	24,350	X	-4.9	X	4.1	X	49,765	X
523	Securities, commodity contracts, and other financial investments and related activities	X	179,732	171,238	164,473	163,086	163,799	X	5.0	X	9.7	X	326,885	X
5231	Securities and commodity contracts intermediation and brokerage	X	84,628	72,774	72,321	72,866	74,330	X	16.3	X	13.9	X	147,196	X
5232	Securities and commodity exchanges	X	3,617	3,044	2,997	3,127	3,116	X	18.8	X	16.1	X	6,243	X
5239	Other financial investment activities	X	91,487	95,420	89,155	87,093	86,353	X	-4.1	X	5.9	X	173,446	X
524	Insurance carriers and related activities	666,796	660,596	649,503	637,311	634,899	619,459	0.9	1.7	5.0	6.6	1,327,392	1,254,358	5.8
5241	Insurance carriers	X	565,565	555,702	546,717	545,809	531,335	X	1.8	X	6.4	X	1,077,144	X
5242	Agencies, brokerages, and other insurance related activities	X	95,031	93,801	90,594	89,090	88,124	X	1.3	X	7.8	X	177,214	X
53	Real estate and rental and leasing	180,386	164,535	175,042	172,036	170,428	156,908	9.6	-6.0	5.8	4.9	344,921	327,336	5.4
531	Real estate	124,626	113,550	120,940	119,396	118,963	109,704	9.8	-6.1	4.8	3.5	238,176	228,667	4.2
5311	Lessors of real estate	X	67,934	68,480	66,905	65,915	64,365	X	-0.8	X	5.5	X	130,280	X
5312	Offices of real estate agents and brokers	X	22,882	29,009	29,256	30,046	23,316	X	-21.1	X	-1.9	X	53,362	X
5313	Activities related to real estate	X	22,734	23,451	23,235	23,002	22,023	X	-3.1	X	3.2	X	45,025	X
532	Rental and leasing services	43,294	40,651	42,152	42,029	40,920	37,679	6.5	-3.6	5.8	7.9	83,945	78,599	6.8
5321	Automotive equipment rental and leasing	X	14,248	14,875	15,755	14,598	13,363	X	-4.2	X	6.6	X	27,961	X
53211	Passenger car rental and leasing	X	9,493	9,817	10,616	9,641	8,988	X	-3.3	X	5.6	X	18,629	X
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing	X	4,755	5,058	5,139	4,957	4,375	X	-6.0	X	8.7	X	9,332	X
5322	Consumer goods rental	X	5,361	5,398	5,623	5,828	5,656	X	-0.7	X	-5.2	X	11,484	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	20,364	21,034	19,791	19,687	18,077	X	-3.2	X	12.7	X	37,764	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	10,334	11,950	10,611	10,545	9,525	X	-13.5	X	8.5	X	20,070	X
54	Professional, scientific, and technical services⁹	466,224	443,212	453,819	435,083	442,940	430,853	5.2	-2.3	5.3	2.9	909,436	873,793	4.1
5411	Legal services ⁹	77,615	66,545	83,808	71,323	71,889	65,213	16.6	-20.6	8.0	2.0	144,160	137,102	5.1
5412	Accounting, tax preparation, bookkeeping, and payroll services	47,385	53,203	38,405	38,023	47,347	51,625	-10.9	38.5	0.1	3.1	100,588	98,972	1.6
5413	Architectural, engineering, and related services	78,336	77,273	75,059	77,260	75,448	73,986	1.4	2.9	3.8	4.4	155,609	149,434	4.1
5413 pt	Architectural and related services ¹⁰	X	16,897	15,982	17,031	17,573	17,121	X	5.7	X	-1.3	X	34,694	X
54133	Engineering services	X	60,376	59,077	60,229	57,875	56,865	X	2.2	X	6.2	X	114,740	X
5414	Specialized design services	X	5,485	6,167	5,895	6,202	5,861	X	-11.1	X	-6.4	X	12,063	X
5415	Computer systems design and related services	100,669	95,283	97,025	95,877	96,681	93,045	5.7	-1.8	4.1	2.4	195,952	189,726	3.3

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
5416	Management, scientific, and technical consulting services	68,706	66,264	69,324	67,154	64,782	63,475	3.7	-4.4	6.1	4.4	134,970	128,257	5.2
5417	Scientific research and development services	X	33,533	35,631	33,376	33,159	32,408	X	-5.9	X	3.5	X	65,567	X
5418	Advertising, public relations, and related services	27,439	25,265	28,113	26,111	26,654	25,815	8.6	-10.1	2.9	-2.1	52,704	52,469	0.4
5419	Other professional, scientific, and technical services	X	20,361	20,287	20,064	20,778	19,425	X	0.4	X	4.8	X	40,203	X
56	Administrative and support and waste management and remediation services	253,472	237,019	242,518	242,443	237,833	227,159	6.9	-2.3	6.6	4.3	490,491	464,992	5.5
561	Administrative and support services	228,118	213,904	218,782	217,835	213,519	204,693	6.6	-2.2	6.8	4.5	442,022	418,212	5.7
5613	Employment services	X	96,788	99,790	97,055	93,441	95,318	X	-3.0	X	1.5	X	188,759	X
5615	Travel arrangement and reservation services	X	10,603	10,654	12,055	11,361	10,704	X	-0.5	X	-0.9	X	22,065	X
561 pt	Other administrative and support services ¹¹	X	106,513	108,338	108,725	108,717	98,671	X	-1.7	X	7.9	X	207,388	X
562	Waste management and remediation services	25,354	23,115	23,736	24,608	24,314	22,466	9.7	-2.6	4.3	2.9	48,469	46,780	3.6
61	Educational services ¹²	18,273	17,026	16,933	17,010	17,601	16,317	7.3	0.5	3.8	4.3	35,299	33,918	4.1
6114	Business schools and computer and management training	X	3,107	3,243	3,377	3,152	3,002	X	-4.2	X	3.5	X	6,154	X
6115	Technical and trade schools	X	3,478	3,545	3,510	3,423	3,439	X	-1.9	X	1.1	X	6,862	X
6116	Other schools and instruction	X	6,931	6,457	6,356	S	S	X	7.3	X	S	X	S	X
6117	Educational support services	X	3,510	3,688	3,767	4,392	3,539	X	-4.8	X	-0.8	X	7,931	X
62	Health care and social assistance	659,183	644,458	651,331	629,339	630,404	623,667	2.3	-1.1	4.6	3.3	1,303,641	1,254,071	4.0
	Health care and social assistance - taxable	327,458	320,532	321,490	312,347	312,385	306,915	2.2	-0.3	4.8	4.4	647,990	619,300	4.6
	Health care and social assistance - tax-exempt	331,725	323,926	329,841	316,992	318,019	316,752	2.4	-1.8	4.3	2.3	655,651	634,771	3.3
621	Ambulatory health care services	264,099	258,117	259,209	252,369	251,942	246,744	2.3	-0.4	4.8	4.6	522,216	498,686	4.7
	Ambulatory health care services - taxable	238,177	233,089	233,960	228,070	228,010	222,982	2.2	-0.4	4.5	4.5	471,266	450,992	4.5
	Ambulatory health care services - tax-exempt	25,922	25,028	25,249	24,299	23,932	23,762	3.6	-0.9	8.3	5.3	50,950	47,694	6.8
6211	Offices of physicians	129,340	126,177	127,996	124,070	122,757	119,725	2.5	-1.4	5.4	5.4	255,517	242,482	5.4
6212	Offices of dentists	X	32,994	30,837	30,888	31,325	S	X	7.0	X	S	X	S	X
6213	Offices of other health practitioners	X	21,424	21,871	21,513	S	21,138	X	-2.0	X	1.4	X	S	X
6214	Outpatient care centers	35,653	34,823	35,197	33,505	33,940	33,502	2.4	-1.1	5.0	3.9	70,476	67,442	4.5
	Outpatient care centers - taxable	X	18,299	18,482	17,707	18,354	17,944	X	-1.0	X	2.0	X	36,298	X
	Outpatient care centers - tax-exempt	X	16,524	16,715	15,798	15,586	15,558	X	-1.1	X	6.2	X	31,144	X
6215	Medical and diagnostic laboratories	12,776	12,463	12,862	12,549	12,626	12,319	2.5	-3.1	1.2	1.2	25,239	24,945	1.2
6216	Home health care services	X	20,828	20,977	20,309	20,309	19,856	X	-0.7	X	4.9	X	40,165	X
	Home health care services - taxable	X	15,779	15,941	15,492	15,471	15,027	X	-1.0	X	5.0	X	30,498	X
	Home health care services - tax-exempt	X	5,049	5,036	4,817	4,838	4,829	X	0.3	X	4.6	X	9,667	X
6219	Other ambulatory health care services	9,774	9,408	9,469	9,535	9,093	8,729	3.9	-0.6	7.5	7.8	19,182	17,822	7.6
	Other ambulatory health care services - taxable	X	5,953	5,971	5,851	5,585	5,354	X	-0.3	X	11.2	X	10,939	X
	Other ambulatory health care services - tax-exempt	X	3,455	3,498	3,684	3,508	3,375	X	-1.2	X	2.4	X	6,883	X
622	Hospitals	285,136	280,686	281,243	272,268	273,259	273,088	1.6	-0.2	4.3	2.8	565,822	546,347	3.6
	Hospitals - taxable	32,825	32,815	32,701	31,585	32,197	32,471	Z	0.3	2.0	1.1	65,640	64,668	1.5
	Hospitals - tax-exempt	252,311	247,871	248,542	240,683	241,062	240,617	1.8	-0.3	4.7	3.0	500,182	481,679	3.8
6221	General medical and surgical hospitals	X	261,138	262,147	253,491	254,543	254,750	X	-0.4	X	2.5	X	509,293	X
	General medical and surgical hospitals - taxable	X	26,452	26,410	25,419	26,065	26,358	X	0.2	X	0.4	X	52,423	X
	General medical and surgical hospitals - tax-exempt	X	234,686	235,737	228,072	228,478	228,392	X	-0.4	X	2.8	X	456,870	X
6222	Psychiatric and substance abuse hospitals	X	6,668	6,463	6,167	6,251	6,327	X	3.2	X	5.4	X	12,578	X
	Psychiatric and substance abuse hospitals - taxable	X	1,799	1,783	1,765	1,781	1,741	X	0.9	X	3.3	X	3,522	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	4,869	4,680	4,402	4,470	4,586	X	4.0	X	6.2	X	9,056	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	12,880	12,633	12,610	12,465	12,011	X	2.0	X	7.2	X	24,476	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	4,564	4,508	4,401	4,351	4,372	X	1.2	X	4.4	X	8,723	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	8,316	8,125	8,209	8,114	7,639	X	2.4	X	8.9	X	15,753	X
623	Nursing and residential care facilities	62,845	60,246	61,992	60,356	59,028	58,472	4.3	-2.8	6.5	3.0	123,091	117,500	4.8
	Nursing and residential care facilities - taxable	S	39,684	40,309	39,221	38,286	37,792	S	-1.6	S	5.0	S	76,078	S
	Nursing and residential care facilities - tax-exempt	21,201	20,562	21,683	21,135	20,742	20,680	3.1	-5.2	2.2	-0.6	41,763	41,422	0.8
624	Social assistance	47,103	45,409	48,887	44,346	46,175	45,363	3.7	-7.1	2.0	0.1	92,512	91,538	1.1
	Social assistance - taxable	X	S	14,520	13,471	13,892	13,670	X	S	X	S	X	27,562	X
	Social assistance - tax-exempt	X	30,465	34,367	30,875	32,283	31,693	X	-11.4	X	-3.9	X	63,976	X
6241	Individual and family services	X	23,594	24,830	22,848	24,303	23,667	X	-5.0	X	-0.3	X	47,970	X
6242	Community food and housing, and emergency and other relief services	X	7,510	9,640	8,369	8,212	8,062	X	-22.1	X	-6.8	X	16,274	X
6243	Vocational rehabilitation services	X	3,461	3,583	3,587	3,537	3,393	X	-3.4	X	2.0	X	6,930	X
6244	Child day care services	X	10,844	10,834	9,542	10,123	10,241	X	0.1	X	5.9	X	20,364	X
	Child day care services - taxable	X	S	7,137	6,501	6,922	S	X	S	X	S	X	S	X
	Child day care services - tax-exempt	X	3,321	3,697	3,041	3,201	3,354	X	-10.2	X	-1.0	X	6,555	X
71	Arts, entertainment, and recreation	70,477	61,902	69,277	72,783	67,624	59,994	13.9	-10.6	4.2	3.2	132,379	127,618	3.7
	Arts, entertainment, and recreation - taxable	X	51,549	57,443	61,027	55,084	49,375	X	-10.3	X	4.4	X	104,459	X
	Arts, entertainment, and recreation - tax-exempt	X	10,353	11,834	11,756	12,540	10,619	X	-12.5	X	-2.5	X	23,159	X
711	Performing arts, spectator sports, and related industries	31,578	24,866	33,308	32,784	28,648	25,261	27.0	-25.3	10.2	-1.6	56,444	53,909	4.7
	Performing arts, spectator sports, and related industries - taxable	X	22,132	30,044	29,607	25,445	22,328	X	-26.3	X	-0.9	X	47,773	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	2,734	3,264	3,177	3,203	2,933	X	-16.2	X	-6.8	X	6,136	X
7111	Performing arts companies	X	3,864	4,379	4,330	4,140	3,972	X	-11.8	X	-2.7	X	8,112	X
	Performing arts companies - taxable	X	2,347	2,430	2,609	2,403	2,383	X	-3.4	X	-1.5	X	4,786	X
	Performing arts companies - tax-exempt	X	1,517	1,949	1,721	1,737	1,589	X	-22.2	X	-4.5	X	3,326	X
7112	Spectator sports	X	8,460	13,359	12,461	10,889	9,050	X	-36.7	X	-6.5	X	19,939	X

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
7113	Promoters of performing arts, sports, and similar events	X	6,233	8,310	8,868	7,389	5,972	X	-25.0	X	4.4	X	13,361	X
	Promoters of performing arts, sports, and similar events - taxable	X	5,016	6,995	7,412	5,923	4,628	X	-28.3	X	8.4	X	10,551	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	1,217	1,315	1,456	1,466	1,344	X	-7.5	X	-9.4	X	2,810	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	2,172	2,421	2,271	1,986	1,894	X	-10.3	X	14.7	X	3,880	X
7115	Independent artists, writers, and performers	X	4,137	4,839	4,854	4,244	4,373	X	-14.5	X	-5.4	X	8,617	X
712	Museums, historical sites, and similar institutions	3,780	3,204	4,245	3,954	4,106	3,427	18.0	-24.5	-7.9	-6.5	6,984	7,533	-7.3
	Museums, historical sites, and similar institutions - tax-exempt ...	X	2,918	3,864	3,485	3,714	3,163	X	-24.5	X	-7.7	X	6,877	X
713	Amusement, gambling, and recreation industries	35,119	33,832	31,724	36,045	34,870	31,306	3.8	6.6	0.7	8.1	68,951	66,176	4.2
	Amusement, gambling, and recreation industries - taxable	X	29,131	27,018	30,951	29,247	26,783	X	7.8	X	8.8	X	56,030	X
	Amusement, gambling, and recreation industries - tax-exempt	X	4,701	4,706	5,094	5,623	4,523	X	-0.1	X	3.9	X	10,146	X
7131	Amusement parks and arcades	X	4,464	5,054	6,977	5,881	3,925	X	-11.7	X	13.7	X	9,806	X
7132	Gambling industries	X	8,053	7,579	7,910	7,909	7,928	X	6.3	X	1.6	X	15,837	X
7139	Other amusement and recreation industries	X	21,315	19,091	21,158	21,080	19,453	X	11.6	X	9.6	X	40,533	X
	Other amusement and recreation industries - taxable	X	16,614	14,385	16,064	15,457	14,930	X	15.5	X	11.3	X	30,387	X
	Other amusement and recreation industries - tax-exempt	X	4,701	4,706	5,094	5,623	4,523	X	-0.1	X	3.9	X	10,146	X
721	Accommodation	65,819	59,023	59,671	67,744	67,517	60,412	11.5	-1.1	-2.5	-2.3	124,842	127,929	-2.4
7211	Traveler accommodation	X	57,530	58,241	65,189	65,476	58,862	X	-1.2	X	-2.3	X	124,338	X
7212	RV (recreational vehicle) parks and recreational camps	X	1,128	1,059	2,179	1,770	1,212	X	6.5	X	-6.9	X	2,982	X
7213	Rooming and boarding houses	X	365	371	376	271	338	X	-1.6	X	8.0	X	609	X
81	Other services (except public administration)¹³	137,901	136,109	158,746	142,548	141,142	133,369	1.3	-14.3	-2.3	2.1	274,010	274,511	-0.2
811	Repair and maintenance	46,023	45,143	44,934	43,719	44,324	42,540	1.9	0.5	3.8	6.1	91,166	86,864	5.0
8111	Automotive repair and maintenance	X	29,653	28,733	28,197	28,560	27,520	X	3.2	X	7.8	X	56,080	X
8112	Electronic and precision equipment repair and maintenance	X	4,626	4,429	4,268	4,384	4,494	X	4.4	X	2.9	X	8,878	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	9,034	9,706	9,203	9,266	8,849	X	-6.9	X	2.1	X	18,115	X
8114	Personal and household goods repair and maintenance	X	1,830	2,066	2,051	2,114	1,677	X	-11.4	X	9.1	X	3,791	X
812	Personal and laundry services	29,315	27,590	28,100	27,153	27,963	26,747	6.3	-1.8	4.8	3.2	56,905	54,710	4.0
8121	Personal care services	X	S	S	S	S	9,453	X	S	X	S	X	S	X
8122	Death care services	X	4,819	4,705	4,520	4,811	5,042	X	2.4	X	-4.4	X	9,853	X
8123	Drycleaning and laundry services	X	7,356	7,243	7,022	6,925	6,632	X	1.6	X	10.9	X	13,557	X
8129	Other personal services	X	S	S	S	S	5,620	X	S	X	S	X	S	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt ¹⁴	X	63,376	85,712	71,676	68,855	64,082	X	-26.1	X	-1.1	X	132,937	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

X Estimate is not available for advance release.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A5 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qqs/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
	Selected Services Total	0.9	0.8	0.8	0.8	0.8	1.4	0.2	0.2	0.2	0.3	0.8	0.8	0.2
22	Utilities	2.5	1.6	2.2	3.1	2.1	4.1	1.0	1.0	1.0	0.5	2.0	1.7	0.7
2211	Electric power generation, transmission and distribution	X	2.8	3.2	3.5	2.5	5.0	X	0.5	X	0.7	X	2.5	X
2212	Natural gas distribution	X	4.8	4.5	5.3	5.7	2.9	X	2.4	X	1.3	X	4.8	X
2213	Water, sewage and other systems	X	4.9	4.6	5.3	5.1	7.9	X	3.0	X	2.1	X	5.5	X
48-49	Transportation and warehousing	1.7	1.8	1.6	1.9	2.2	2.5	0.4	0.3	0.9	0.5	1.8	2.0	0.7
481	Air transportation	1.8	1.9	1.7	1.5	1.5	2.9	0.5	0.5	1.9	1.7	1.8	1.7	1.8
483	Water transportation	8.4	8.8	7.8	7.9	7.7	2.8	0.7	1.0	0.7	1.2	8.6	7.6	0.9
4831	Deep sea, coastal, and Great Lakes water transportation	X	10.6	9.5	9.1	9.2	3.6	X	1.1	X	1.2	X	9.3	X
4832	Inland water transportation	X	3.9	3.7	4.6	3.7	3.9	X	0.7	X	1.5	X	3.7	X
484	Truck transportation	4.5	4.5	4.1	5.3	6.1	6.9	0.6	0.6	1.6	1.3	4.5	5.7	1.4
4841	General freight trucking	X	7.1	6.4	8.4	9.6	10.8	X	0.7	X	2.1	X	8.9	X
48412	General freight trucking, long-distance	X	4.0	3.9	4.1	4.0	11.6	X	1.1	X	3.0	X	3.9	X
4842	Specialized freight trucking	X	1.8	2.3	1.9	1.8	4.8	X	1.6	X	1.8	X	1.9	X
485	Transit and ground passenger transportation	4.3	3.6	2.5	3.4	3.7	6.5	1.3	1.4	2.8	1.8	3.9	3.5	2.3
486	Pipeline transportation	X	1.4	1.4	1.2	1.4	1.9	X	0.4	X	0.2	X	1.4	X
487	Scenic and sightseeing transportation	X	9.7	4.4	7.1	5.9	10.6	X	5.8	X	4.8	X	5.9	X
488	Support activities for transportation	4.0	4.1	3.6	3.3	4.0	6.4	1.0	0.8	2.7	2.0	4.0	3.9	2.3
492	Couriers and messengers	3.6	3.1	3.5	4.8	3.8	1.7	0.5	0.9	1.4	2.2	3.3	3.9	1.7
493	Warehousing and storage	6.9	6.3	5.7	5.6	5.3	6.3	1.6	1.2	3.0	1.5	6.6	5.3	2.2
51	Information	1.5	1.4	1.5	1.6	1.4	1.3	0.1	0.3	0.5	0.5	1.4	1.4	0.5
511	Publishing industries (except Internet)	3.0	2.9	2.9	2.3	2.3	5.5	0.8	0.4	1.2	1.6	3.0	2.2	1.2
51111	Newspaper publishers	X	4.5	4.3	4.5	4.6	4.1	X	0.3	X	1.0	X	4.5	X
51112	Periodical publishers	X	S	5.0	5.3	5.3	4.7	X	S	X	S	X	4.9	X
5111 pt	Book, directory and mailing list, and other publishers	X	2.9	4.1	3.2	3.2	4.5	X	1.5	X	1.6	X	3.2	X
5112	Software publishers	3.5	3.4	3.6	2.8	2.8	7.2	1.0	0.7	1.7	2.1	3.4	2.7	1.7
512	Motion picture and sound recording industries	1.1	1.2	0.8	1.1	1.2	3.4	0.8	1.0	1.1	0.6	1.1	1.1	0.8
515	Broadcasting (except Internet)	X	1.2	1.0	0.9	1.0	1.7	X	0.5	X	0.4	X	0.9	X
5151	Radio and television broadcasting	X	1.6	1.9	2.0	1.8	2.7	X	0.9	X	0.8	X	1.7	X
5152	Cable and other subscription programming	X	1.5	1.4	1.4	1.4	1.2	X	0.1	X	0.3	X	1.3	X
517	Telecommunications	1.4	1.4	1.4	1.6	1.5	1.7	0.1	0.1	0.8	0.7	1.4	1.4	0.8
5171	Wired telecommunications carriers	2.2	2.1	2.1	1.9	1.7	3.4	0.1	0.2	0.6	0.7	2.2	1.6	0.7
5172	Wireless telecommunications carriers (except satellite)	2.4	2.4	1.9	1.8	1.8	2.4	0.2	0.6	2.2	2.1	2.4	1.8	2.1
517 pt	Other telecommunications	X	4.1	3.9	4.7	4.3	3.3	X	0.5	X	0.8	X	4.0	X
518	Data processing, hosting, and related services	3.0	3.2	3.2	3.1	3.5	3.4	0.8	0.8	2.7	1.5	3.0	3.5	2.0
519	Other information services	4.2	4.5	5.2	5.7	5.6	4.5	0.7	1.6	2.5	2.3	4.3	5.6	2.3
52	Finance and insurance	2.1	1.9	1.8	1.9	1.9	4.7	0.3	0.3	0.5	0.5	2.0	1.9	0.4
52 pt	Finance and insurance (except monetary authorities-central bank)	X	2.0	1.9	1.9	1.9	4.8	X	0.3	X	0.5	X	1.9	X
521	Monetary authorities-central bank	X	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0	X	0.0	X
522	Credit intermediation and related activities	1.9	1.9	1.9	1.9	1.9	4.2	0.5	0.3	0.8	0.7	1.9	1.9	0.7
5221	Depository credit intermediation	X	3.6	3.9	3.7	3.6	7.6	X	0.5	X	0.8	X	3.7	X
5222	Nondepository credit intermediation	X	3.3	3.1	3.3	3.3	4.0	X	0.3	X	1.0	X	3.4	X
5223	Activities related to credit intermediation	X	2.9	2.7	2.6	2.3	3.6	X	0.8	X	0.7	X	2.5	X
523	Securities, commodity contracts, and other financial investments and related activities	X	4.5	4.1	4.6	4.5	4.0	X	2.2	X	3.0	X	4.5	X
5231	Securities and commodity contracts intermediation and brokerage	X	9.3	9.1	9.0	9.3	7.1	X	4.7	X	6.0	X	8.7	X
5232	Securities and commodity exchanges	X	Z	Z	Z	Z	Z	X	Z	X	Z	X	Z	X
5239	Other financial investment activities	X	2.9	3.0	3.1	2.8	4.9	X	1.1	X	1.0	X	3.0	X
524	Insurance carriers and related activities	2.6	2.5	2.2	2.2	2.1	7.1	0.4	0.5	0.7	0.7	2.6	2.1	0.6
5241	Insurance carriers	X	3.0	2.7	2.7	2.6	8.2	X	0.4	X	0.7	X	2.5	X
5242	Agencies, brokerages, and other insurance related activities	X	2.9	2.2	2.4	2.4	4.5	X	1.2	X	1.2	X	2.6	X
53	Real estate and rental and leasing	1.8	1.7	1.6	1.7	2.0	4.7	0.5	0.4	1.0	0.8	1.8	1.9	0.8
531	Real estate	2.9	2.9	2.6	2.9	2.9	6.3	0.6	0.6	1.1	1.1	2.9	3.0	1.0
5311	Lessors of real estate	X	4.3	4.0	4.5	4.3	7.8	X	0.8	X	1.3	X	4.2	X
5312	Offices of real estate agents and brokers	X	3.2	4.3	3.2	3.6	11.6	X	1.2	X	2.4	X	3.4	X
5313	Activities related to real estate	X	2.7	2.5	2.2	2.1	7.4	X	1.1	X	1.3	X	2.4	X
532	Rental and leasing services	3.2	2.7	3.0	3.0	3.5	4.4	0.6	0.8	2.1	1.3	3.0	3.1	1.7
5321	Automotive equipment rental and leasing	X	2.2	1.7	1.8	2.8	3.3	X	1.1	X	1.8	X	2.7	X
53211	Passenger car rental and leasing	X	4.1	3.3	3.6	5.1	3.4	X	1.3	X	2.5	X	5.0	X
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	X	3.9	4.2	3.6	4.0	5.2	X	1.3	X	1.4	X	4.0	X
5322	Consumer goods rental	X	8.1	8.2	7.0	6.7	8.9	X	3.8	X	3.4	X	7.8	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	7.3	7.6	7.8	7.9	6.1	X	1.2	X	2.2	X	7.6	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	5.1	4.5	6.6	5.0	6.6	X	1.1	X	1.5	X	4.8	X
54	Professional, scientific, and technical services	2.1	1.7	1.9	1.8	1.7	1.6	0.6	0.6	0.9	0.8	1.9	1.7	0.8
5411	Legal services	4.0	3.3	3.9	2.7	2.3	3.1	2.5	2.0	2.7	1.3	3.5	2.5	1.7
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.4	1.1	2.9	2.3	1.9	3.4	1.4	3.1	1.2	1.3	1.7	1.8	1.1

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
5413	Architectural, engineering, and related services	3.8	3.7	3.4	3.6	3.9	4.1	1.3	1.7	1.7	2.2	3.7	3.7	1.9
5413 pt	Architectural and related services	X	4.2	6.3	5.8	6.8	4.7	X	4.5	X	3.8	X	6.7	X
54133	Engineering services	X	4.6	3.5	4.2	3.6	5.2	X	2.0	X	2.1	X	3.6	X
5414	Specialized design services	X	3.7	5.8	5.1	4.1	3.8	X	3.8	X	2.1	X	3.2	X
5415	Computer systems design and related services	2.1	1.2	1.8	2.4	2.4	6.1	1.2	1.2	2.0	1.9	1.6	2.1	1.8
5416	Management, scientific, and technical consulting services	4.2	4.1	4.1	3.4	2.6	5.6	1.5	0.9	2.4	1.8	4.1	2.7	2.0
5417	Scientific research and development services	X	8.3	7.3	8.5	7.4	4.7	X	0.9	X	1.2	X	7.4	X
5418	Advertising, public relations, and related services	2.2	2.1	1.6	1.6	1.9	3.6	0.3	1.0	1.1	1.1	2.2	1.9	1.1
5419	Other professional, scientific, and technical services	X	5.2	4.5	5.0	4.4	8.4	X	1.5	X	3.8	X	4.5	X
56	Administrative and support and waste management and remediation services	2.3	2.4	2.4	2.5	2.3	1.3	0.8	0.7	1.0	1.0	2.3	2.1	0.8
561	Administrative and support services	2.7	2.6	2.6	2.7	2.4	1.8	0.9	0.7	1.0	1.0	2.6	2.3	0.9
5613	Employment services	X	4.6	4.3	4.8	4.5	5.0	X	1.2	X	2.4	X	4.2	X
5615	Travel arrangement and reservation services	X	4.2	4.0	4.2	3.5	7.6	X	1.1	X	2.9	X	3.5	X
561 pt	Other administrative and support services	X	2.9	2.9	2.9	2.2	3.9	X	1.1	X	1.1	X	2.6	X
562	Waste management and remediation services	2.4	1.9	2.3	3.4	2.9	3.7	1.6	1.0	0.7	1.4	2.0	2.8	1.0
61	Educational services	3.9	4.0	2.8	3.0	1.9	5.7	2.7	2.1	2.6	2.2	3.7	2.0	2.1
6114	Business schools and computer and management training	X	8.2	7.3	7.1	6.1	18.0	X	3.1	X	3.9	X	6.6	X
6115	Technical and trade schools	X	5.9	6.3	4.4	5.4	12.2	X	3.1	X	3.8	X	5.3	X
6116	Other schools and instruction	X	7.3	7.7	7.1	S	S	X	5.7	X	S	X	S	X
6117	Educational support services	X	3.1	4.7	6.0	2.8	4.3	X	2.2	X	1.9	X	2.4	X
62	Health care and social assistance	1.5	1.4	1.3	1.3	1.4	2.2	0.2	0.2	0.5	0.5	1.5	1.3	0.5
	Health care and social assistance - taxable	1.7	1.7	1.6	1.7	1.6	2.6	0.2	0.3	0.6	0.8	1.7	1.6	0.7
	Health care and social assistance - tax-exempt	2.0	1.9	1.7	1.8	1.8	2.9	0.3	0.3	0.6	0.4	1.9	1.8	0.4
621	Ambulatory health care services	1.4	1.4	1.3	1.3	1.2	2.1	0.2	0.2	0.8	0.9	1.4	1.1	0.8
	Ambulatory health care services - taxable	1.5	1.6	1.4	1.4	1.5	2.6	0.2	0.3	0.8	0.9	1.5	1.4	0.8
	Ambulatory health care services - tax-exempt	5.0	5.0	5.4	4.5	4.3	4.1	0.6	0.7	1.3	1.2	5.0	4.2	1.2
6211	Offices of physicians	2.6	2.6	2.4	2.4	2.7	5.8	0.2	0.4	1.3	1.3	2.6	2.6	1.3
6212	Offices of dentists	X	4.3	4.2	4.0	3.1	S	X	1.0	X	S	X	S	X
6213	Offices of other health practitioners	X	4.1	4.4	3.9	S	5.2	X	1.3	X	1.9	X	S	X
6214	Outpatient care centers	2.8	2.6	3.4	2.9	2.6	3.6	0.5	0.9	0.8	0.5	2.7	2.6	0.6
	Outpatient care centers - taxable	X	3.0	2.7	3.0	2.5	2.6	X	1.0	X	1.3	X	2.4	X
	Outpatient care centers - tax-exempt	X	6.4	7.3	6.2	5.8	6.4	X	1.0	X	1.6	X	5.6	X
6215	Medical and diagnostic laboratories	4.2	3.9	3.6	3.2	3.2	4.1	0.4	1.1	2.5	2.1	4.0	3.2	2.3
6216	Home health care services	X	6.6	6.6	6.1	5.9	3.9	X	0.9	X	2.3	X	5.9	X
	Home health care services - taxable	X	9.3	9.4	8.4	8.4	4.1	X	1.3	X	2.9	X	8.4	X
	Home health care services - tax-exempt	X	5.8	5.6	5.7	6.1	3.9	X	1.0	X	0.7	X	5.9	X
6219	Other ambulatory health care services	4.2	4.2	4.0	3.5	3.6	5.4	0.8	1.2	1.6	1.4	4.2	3.6	1.3
	Other ambulatory health care services - taxable	X	4.9	4.8	3.7	4.3	7.7	X	1.2	X	1.6	X	4.5	X
	Other ambulatory health care services - tax-exempt	X	4.4	4.4	4.6	4.6	7.4	X	2.3	X	2.6	X	4.1	X
622	Hospitals	2.7	2.6	2.4	2.5	2.5	3.8	0.3	0.3	0.5	0.4	2.6	2.5	0.4
	Hospitals - taxable	9.7	9.4	9.3	9.9	9.1	10.4	0.4	0.1	0.6	0.4	9.6	9.1	0.4
	Hospitals - tax-exempt	2.4	2.4	2.2	2.2	2.3	3.7	0.3	0.4	0.6	0.4	2.4	2.3	0.5
6221	General medical and surgical hospitals	X	2.6	2.3	2.4	2.5	4.0	X	0.4	X	0.4	X	2.5	X
	General medical and surgical hospitals - taxable	X	10.6	10.2	10.8	10.2	13.2	X	0.4	X	0.5	X	10.1	X
	General medical and surgical hospitals - tax-exempt	X	2.5	2.2	2.3	2.3	4.1	X	0.4	X	0.4	X	2.3	X
6222	Psychiatric and substance abuse hospitals	X	5.3	4.9	5.2	5.8	8.2	X	0.6	X	1.7	X	5.6	X
	Psychiatric and substance abuse hospitals - taxable	X	7.5	7.5	7.4	7.3	5.5	X	0.2	X	0.8	X	7.0	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	5.9	5.6	6.2	6.9	10.0	X	1.0	X	2.6	X	6.5	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	6.6	7.5	7.6	7.1	7.3	X	0.8	X	0.9	X	7.1	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	11.3	13.2	14.1	11.9	13.5	X	1.6	X	1.6	X	12.0	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	4.4	4.4	4.0	4.6	5.4	X	0.3	X	0.5	X	4.6	X
623	Nursing and residential care facilities	1.9	2.1	1.8	2.0	2.4	4.5	0.3	0.6	1.5	1.3	2.0	2.2	1.4
	Nursing and residential care facilities - taxable	S	1.8	1.6	1.5	2.2	6.0	S	0.9	S	1.7	S	2.2	S
	Nursing and residential care facilities - tax-exempt	4.1	3.8	3.8	4.1	4.8	2.6	0.7	0.7	1.5	1.5	4.0	4.6	1.5
624	Social assistance	1.8	2.3	2.2	2.6	2.1	3.3	1.1	1.0	1.6	1.5	2.0	1.9	1.4
	Social assistance - taxable	X	S	3.8	4.0	3.4	10.9	X	S	X	S	X	3.2	X
	Social assistance - tax-exempt	X	3.4	3.2	3.0	3.0	5.7	X	1.3	X	1.4	X	2.9	X
6241	Individual and family services	X	4.4	3.7	3.7	3.7	3.5	X	1.4	X	1.8	X	3.7	X
6242	Community food and housing, and emergency and other relief services	X	4.6	6.2	6.1	6.3	4.4	X	1.9	X	2.4	X	5.8	X
6243	Vocational rehabilitation services	X	10.1	11.3	10.9	9.3	8.0	X	2.3	X	2.6	X	8.9	X
6244	Child day care services	X	5.7	4.9	5.7	4.2	6.4	X	1.9	X	3.5	X	4.0	X
	Child day care services - taxable	X	S	6.2	7.3	6.7	S	X	S	X	S	X	S	X
	Child day care services - tax-exempt	X	11.6	10.8	12.1	11.5	11.5	X	3.2	X	5.8	X	10.5	X
71	Arts, entertainment, and recreation	2.5	2.8	2.6	2.3	2.4	3.0	1.4	1.3	2.2	2.4	2.5	2.5	2.3
	Arts, entertainment, and recreation - taxable	X	3.4	3.0	2.7	3.0	3.5	X	1.4	X	2.4	X	3.0	X
	Arts, entertainment, and recreation - tax-exempt	X	3.9	5.2	3.9	4.8	4.5	X	1.3	X	3.2	X	5.3	X

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		2Q 2018 (a)	1Q 2018 (r)	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (a)	1Q 2018 from 4Q 2017 (r)	2Q 2018 from 2Q 2017 (a)	1Q 2018 from 1Q 2017 (r)	2018 (a)	2017	2018 from 2017 (a)
711	Performing arts, spectator sports, and related industries	4.7	5.0	2.3	1.3	3.0	3.7	4.1	2.8	4.6	2.3	4.5	3.5	3.3
	Performing arts, spectator sports, and related industries - taxable	X	6.0	2.5	1.6	3.3	4.4	X	3.3	X	2.5	X	4.0	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	5.6	4.9	5.7	5.3	3.7	X	2.4	X	2.6	X	4.5	X
7111	Performing arts companies	X	4.7	4.3	5.5	4.6	6.3	X	3.3	X	3.6	X	4.0	X
	Performing arts companies - taxable	X	8.1	6.5	7.0	5.2	10.8	X	5.1	X	6.1	X	4.5	X
	Performing arts companies - tax-exempt	X	6.2	6.0	6.7	6.6	6.0	X	1.7	X	1.8	X	5.7	X
7112	Spectator sports	X	10.1	3.2	3.2	3.3	11.9	X	5.0	X	2.4	X	4.7	X
7113	Promoters of performing arts, sports, and similar events	X	7.7	5.5	5.1	6.2	7.9	X	5.4	X	5.2	X	6.3	X
	Promoters of performing arts, sports, and similar events - taxable	X	9.9	6.1	5.7	6.9	10.4	X	7.1	X	7.1	X	7.0	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	8.1	8.5	11.8	6.0	3.7	X	8.1	X	5.6	X	6.1	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	8.9	5.6	3.6	4.9	11.2	X	7.2	X	8.7	X	4.8	X
7115	Independent artists, writers, and performers	X	6.1	7.7	9.4	8.7	16.0	X	4.0	X	7.5	X	8.8	X
712	Museums, historical sites, and similar institutions	3.9	6.4	8.6	9.0	9.0	6.3	5.2	2.9	5.5	5.4	4.6	10.1	5.1
	Museums, historical sites, and similar institutions - tax-exempt ..	X	6.7	9.5	10.2	9.8	6.9	X	3.3	X	5.7	X	10.9	X
713	Amusement, gambling, and recreation industries	4.7	5.3	5.1	4.3	4.3	5.7	1.7	0.8	1.3	2.8	5.0	4.7	1.7
	Amusement, gambling, and recreation industries - taxable	X	6.2	5.9	5.1	5.4	6.1	X	0.8	X	2.8	X	5.6	X
	Amusement, gambling, and recreation industries - tax-exempt ..	X	6.8	7.4	5.3	5.8	9.8	X	1.2	X	2.8	X	5.6	X
7131	Amusement parks and arcades	X	3.8	2.8	5.9	6.2	5.9	X	1.1	X	2.3	X	4.8	X
7132	Gambling industries	X	15.5	14.7	13.8	13.6	11.3	X	1.9	X	2.0	X	13.9	X
7139	Other amusement and recreation industries	X	2.9	3.7	2.2	1.8	6.3	X	1.2	X	4.9	X	2.4	X
	Other amusement and recreation industries - taxable	X	3.0	3.5	2.1	1.7	6.5	X	1.2	X	5.6	X	2.5	X
	Other amusement and recreation industries - tax-exempt	X	6.8	7.4	5.3	5.8	9.8	X	1.2	X	2.8	X	5.6	X
721	Accommodation	1.3	1.2	1.4	1.4	1.6	2.9	0.6	0.5	1.0	1.1	1.2	1.4	1.0
7211	Traveler accommodation	X	1.2	1.5	1.4	1.7	2.9	X	0.5	X	1.1	X	1.5	X
7212	RV (recreational vehicle) parks and recreational camps	X	5.6	5.4	5.3	5.4	6.9	X	6.1	X	3.8	X	5.3	X
7213	Rooming and boarding houses	X	6.6	7.5	3.4	9.2	7.3	X	2.9	X	5.3	X	7.7	X
81	Other services (except public administration)	2.8	3.9	2.6	1.8	2.4	2.3	1.6	2.6	1.1	2.3	3.3	2.2	1.6
811	Repair and maintenance	3.8	4.0	4.1	4.8	3.6	5.0	1.6	0.8	1.6	1.4	3.8	3.6	1.3
8111	Automotive repair and maintenance	X	6.9	7.2	7.7	6.8	7.8	X	1.1	X	2.2	X	6.9	X
8112	Electronic and precision equipment repair and maintenance	X	4.3	3.8	4.7	5.3	21.3	X	2.1	X	4.7	X	5.1	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	9.7	10.2	10.0	8.9	9.5	X	2.0	X	3.5	X	8.4	X
8114	Personal and household goods repair and maintenance	X	8.2	9.2	7.8	8.8	16.8	X	1.7	X	4.3	X	8.1	X
812	Personal and laundry services	3.1	2.5	2.7	2.9	3.0	4.2	1.2	1.0	1.3	1.6	2.8	2.8	1.4
8121	Personal care services	X	S	S	S	S	8.9	X	S	X	S	X	S	X
8122	Death care services	X	4.8	4.9	4.0	4.6	8.8	X	1.9	X	3.6	X	4.3	X
8123	Drycleaning and laundry services	X	6.0	5.1	4.6	4.6	10.4	X	1.7	X	3.7	X	4.8	X
8129	Other personal services	X	S	S	S	S	8.1	X	S	X	S	X	S	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt	X	7.3	4.4	2.1	4.5	3.2	X	4.5	X	4.4	X	4.1	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table A4 does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

X Estimate in Table A4 is not available for advance release.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	33
22	Utilities	7
48-49	Transportation and warehousing	30
51	Information	26
52	Finance and insurance	19
53	Real estate and rental and leasing	44
54	Professional, scientific, and technical services	45
56	Administrative and support and waste management and remediation services	46
61	Educational services	48
62	Health care and social assistance	45
71	Arts, entertainment, and recreation	43
721	Accommodation	39
81	Other services (except public administration)	50

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at www.census.gov/services/.

Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance

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quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see www.census.gov/services/qss/qssseasfactors.xls. A list of “Frequently Asked Questions” on seasonal adjustment of QSS estimates is available at www.census.gov/services/qss/seasonally_adjusted_faqs.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Tables A2 and A5 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the “margin of error.” The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a

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particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/how_the_data_are_collected.

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